

Figure 3

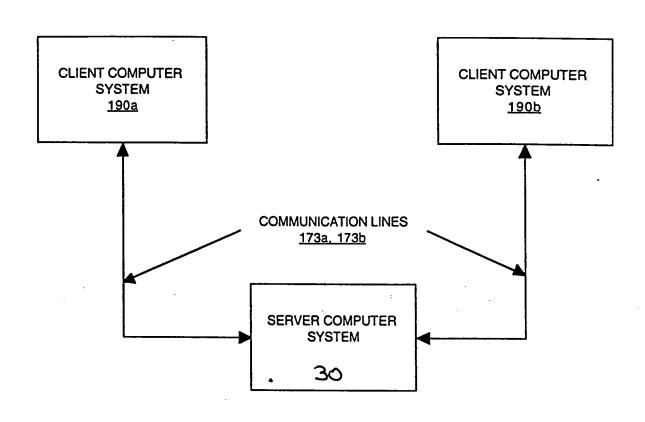


Figure 4

XI G (What's Related on and the man me * C O N T E N T * NEEDED * PLEASE FEEL FREE TO CONTRIBUTE!! work, may and earn are You ready 9 CISCO STREMS CEC || CCO || SEARCH || INDEX || SUPPORT || FEEDBACK || DIRECTORY: S CO nteractive Dynamic Documentation (ONLINE!) Home Search Guide Print Security Bookmarks . Location Re-///CI/000/Working Re/index htm Solutions Delivery and Methodologies Introduction? Select your target solution General Information Readyl Set your search criteria Select Document Type 304 - Select Target Solution Document Type Please Select 202 © Use Defaults 2067 <u> 70%</u> 700-<u>ن</u> و ر દ્વ

<u>noysaura taacon</u>

200

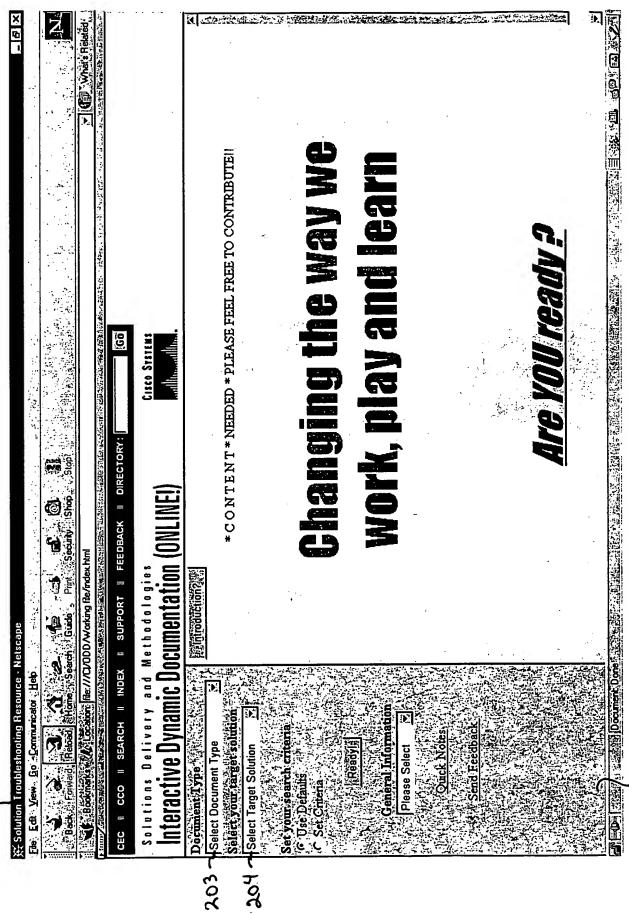


FIGURE GA

CISCO SYSTEMS

Finiteduction? General Information Select your target solution Select Target Solution Please Select Select Target Solution Thunder Dial 2.1 Thunder Dial 2.2 Phunder Voice 2.

Changing the way we

work, diay and learn

Ouick Note

Are YOU ready 2

FIGURE 6B MARKET ART

@ What's Related an remail buible to work, diay and learn * C O N T E N T * NEEDED * PLEASE FEEL FREE TO CONTRIBUTE! CISCO SYSTEMS CEC || CCO || SEARCH || INDEX || SUPPORT || FEEDBACK || DIRECTORY: nteractive Dynamic Documentation (ONLINE!) Security Shoo Back Fringed Record Home Search Guide Print Security Bookmarks & Locator (Be.///CJ/DDD/working Be/index.html Salutions Delivery and Methodologies introduction? Flo FCO NV W GO Communicator Heb ... General Information Set your search criteria

Use Defaults

G Set Criteria Outck Notes Document Type Please Select **८** ४८ 287

Are You ready ?

一次。四、四、四、次

202

Figure 7

Document: Done less.

(1963) A FOWER OF THE SECOND THREE SECOND THE SECOND THREE SECOND THRE	non, subsective samp subsective and subsective and subsective subs		E Minats Helated
AND VINCENS OF STATES AND STATES AND STATES OF	Approximate and appropriate to the contraction of t	ABO	Made di Sada de Percebando de Latra de Caraca
lations Delivery Ilution Analysi	dologies	Cisco Srs	
Döcument Type	Please s	Please select your current implementation phase (Optional)	ise (Optional)
Select Document Type Select your target solution TrunderDal 2.1	C Unit Test	C Unit Test C Development Test C Early Field Trial G Production	rial 6 Production
	Please s	Flease select the applicable software version(s) (Optional)	s) (Optional)
Set your search criteria	Signal Link Terminal (SLT)	Network Access Server	Signal Controller
Set Criteria	Select Target SLT software release	Select Target NAS software release	Select Target SC/VSC software release
K. Ready K. Ready C. Congress Trickmenton		Submit Criteria	
Please Select S	The values set from this page will affect alarms, log messages, commands etc. the upon the solution you selected.	The values set from this page will affect all subsequent displays. The objective here is to minimze the need to look through alarms, log messages, commands etc. that do not apply to the problem at hand. The components displayed below are bas upon the solution you selected.	The values set from this page will affect all subsequent displays. The objective here is to minimze the need to look through alarms, log messages, commands etc. that do not apply to the problem at hand. The components displayed below are based upon the solution you selected.
Send Feedback	When applicable, recommendations suc the specified Implementation Phase.	h as "How to proceed" will be provided	When applicable, recommendations such as "How to proceed" will be provided. These recommendations will be affected by the specified Implementation Phase.
	The default implementation phase is Production. This is the most restrictive recommendations would be provided. The Development Engineers will hat their respective products. This will generally be the latest release available.	The default implementation phase is Production. This is the most restrictive phase, meaning that the "least destructive" recommendations would be provided. The Development Engineers will have the ability to set the "default" software rel their respective products. This will generally be the latest release available.	The default implementation phase is Production. This is the most restrictive phase, meaning that the "least destructive" recommendations would be provided. The Development Engineers will have the ability to set the "default" software release for their respective products. This will generally be the latest release available.

desource - Netscape Desource - Desource	y and Mathodologies Cisco Systems SIS Criteria	Please select your current implementation phase (Optional) C Unit Test C Development Test C Early Field Trial © Production	Signal Link Terminal (SLT) Select Target SLT software release Submit Criteria	The values set from this page will affect all subsequent displays. The objective here is to minimze the need to look through alarms, log messages, commands etc. that do not apply to the problem at hand. The components displayed below are based upon the solution you selected. When applicable, recommendations such as "How to proceed." will be provided. These recommendations will be affected by	Americ Dane Assessment and Assessment Dane Bases Dane Dane Dane Dane Dane Dane Dane Dane
** Solution Troubleshooting Resource - Netscape Fee EckinVew Gou Commission Heb		Document Type Select Document Type Select your target solution	ch criteria s s s s s s s d y	Please Select The alan Please Select Please Ple	F.D. INSTANTON

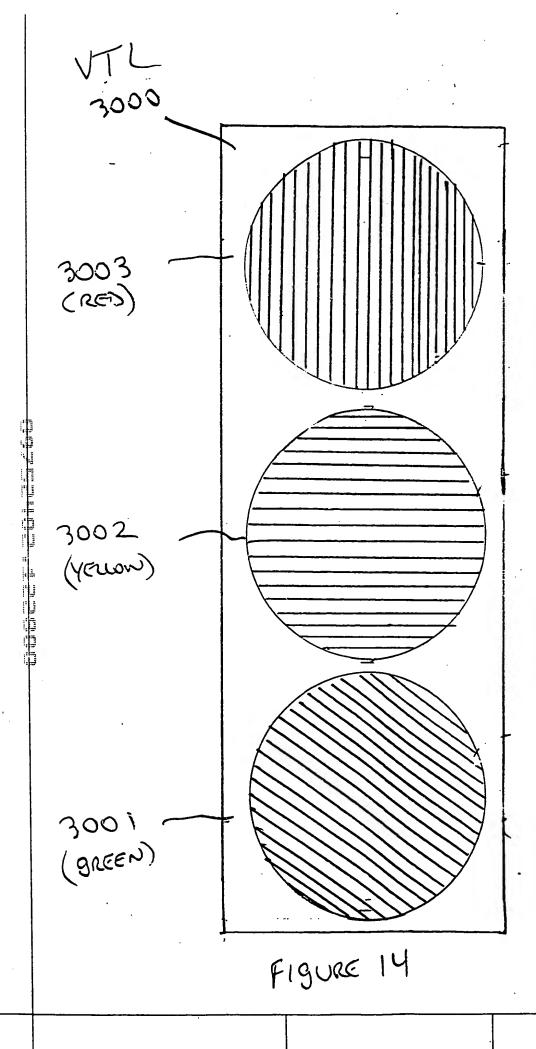
7

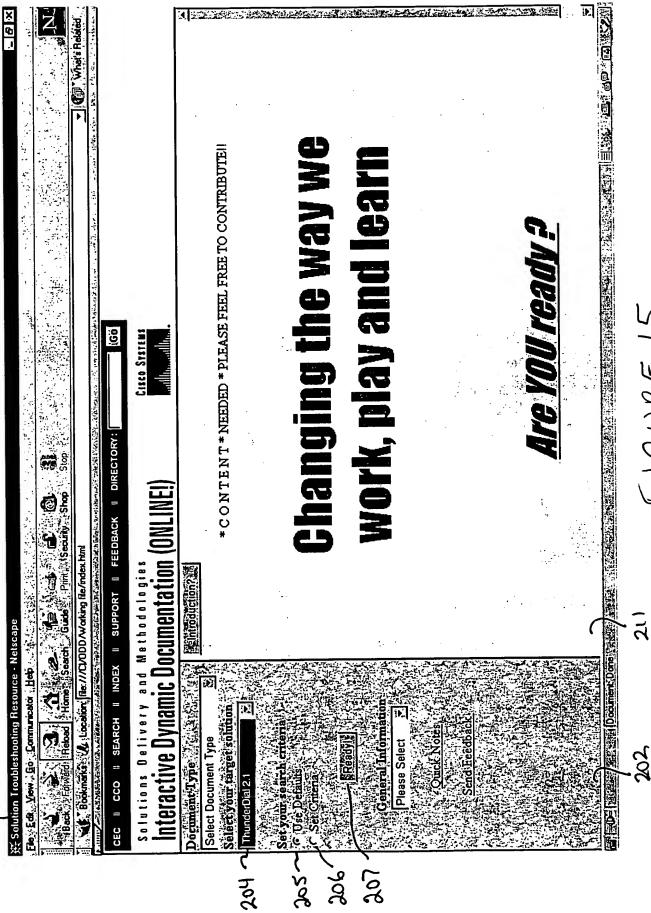
Ele Ed New Go Commission Heb Ele Ed Market Heb Ele Ed Mew Go Commission Heb Ele Ed Me	Bookmaks: (Locator Ita///CI/DDD/Morking Re/index.hml	orions Delivery and Methodologies Crisco Srs Intion Analysis Criteria	Document Type Select Document Type Figure 1 Select your current implementation phase (Optional) Select Document Type Figure 1 Fig	Hease select the appliance of the applia	Submit Criteria Conck Notes Conck Notes	When applicable, recommendations such as "How to proceed" will be provided. These recommendations will be affected by the specified Implementation Phase. The default implementation phase is Production. This is the most restrictive phase, meaning that the "least destructive" recommendations would be provided. The Development Engineers will have the ability to set the "default" software release for their respective products. This will generally be the latest release available.	
--	---	---	--	--	--	--	--

જું

No. No	SUPPORT II FEEDBACK II OIRECT hodologies /SIS ASSISTANT	The Cisco SC2200 combined with the AS5X00 gateways give service providers around the world a proven cost-saving and reliable solution for connecting VoIP and dial access solutions to the PSTN via SS7/C7. Using the SC2200 with SS7 signaling allows Service Providers to enter into new markets, optimize their networks for both voice and data traffic, and save drastically on monthly interconnect fees because SS7 trunks cost a fraction of what PRIs cost.	Deployed since 1998, the Cisco SC2200 software runs on industry-standard Sun UNIX platforms. Cisco continues to improve its SC2200 software-call-control engine, bringing manageability, superior scaling, and dramatic savings to end-to-end dial and voice solutions.	and SS7 Interconnect for Voice Gateways respectively.	
X Solution Troubleshooting Resource - Netscape (日本) (日本) (日本) (日本) (日本) (日本) (日本) (日本)	Solutions Delivery and Methodo Troubleshooting and Analysis	ming soon) ses ng Channels	Call Hacestrogs		707

	1200			
	くSolution Troubleshooting Resource 3)ほう マン・ほの ほかいきは [[· Netscape	M G G	
	B. Foursel (CCC) 1505 35	Some despired series also also	<u>Z</u>	
	Frances (A. Meiste Mighte http://w			
	CEC CCO SEARCH INDEX	EX II SUPPORT II FEEDBACK II DIRECTORY:		
	Troubleshooting and Analysis Assistant	d Analysis Assistant		•
	SC/VSC(Libites Hatti Man Step Step Coming soon)	soft by Question soft by Validation show all	search: [G0]	:
	Checking Alams Checking Processes Checking Singles	5 1 Alarmadvice and while constitution in the state of th	Correction validation comment	1340
Ī	Checking Bearer Channels SCVSC Dat Files Call Traces/Logs	Description: Remember that multiple alarms are likely to occur if severe failure scenarios take place. For instance, an LIF LOS would typically also result in SUPPORT FAIL and SC FAIL. By taking stock of A11, alarms tringered, you should be able to pinopint the general problem area and	// 🛓	1335
- 1 - 1		Procedure: N/A		
-		2) Alarms that Indicate a significant signaling event examination white the connection validation comment	correction validation comment	0781
五		Description: Below is a list of the more common, but significant alarms you might see. Procedure: Alarm Description		1302
4		LIF LOS: This alarm typically indicates a physical problem, but it may also indicate an error occurring on the remote end. LIF FALT This alarm typically indicates a physical problem, but it may also indicate an error occurring on	n, but it may also indicate an error occurring on m, but it may also indicate an error occurring on	
		the remote and SUPPORT FAIL. This alarm also indicates a physical problem. It might indicate the failure of a supporting entity such as Layer 1 framing.	noblem. It might indicate the failure of a supporting	
•		SC FAIL. This alarm typically indicates an abstract signaling problem that requires further diagnosis. FAIL. This alarm typically indicates an abstract signaling problem that requires further diagnosis. CONF. FAIL. This alarm indicates a serious problem that can result from hand-editing dat files. It can also	ling problem that requires further diagnosis. problem that requires further diagnosis. can result from hand-editing-dat files. It can also	
		P(3) CONEFAILM TELEGRAPHING THE PROPERTY OF TH		





FIGUREL

nogsveton verenemen samernemen verenemen verenemen samernemen meden med elekarope op himble zal

aggregated at a POP, streams of user packets are statistically multiplexed for efficient transport over the backbone network.

FIGUREIT

<u>-</u> modifed: October 18, 2000 * Only the original contributor (mwnelson) and the administrator may edit this entry once it is submitted. If F 1 ∢ (a more detailed version of the question - optional) you are submitting content on behalf of someone else place their user id in this field. <u>ndysauna legon</u> Reset 类 How Do I: New Content - Netscape Cancel file: /cgi-shell/odd/howDol/editContent.pl - Contributor : |mwnelson Question: Description: Answer: CO 81

Figure 18

件 How Do I: New Content - Netscape	× D
Question: Changing Contributor: mwnelson Description: (a more detailed version of the question - optional)	
To change SNMP manager in SC2200 2.0 without using TCT, change current entries in /opt/TransPath/snmp/snmpd.cnf. Changing the entries in Answer	ज म
If using TCT: 1) On TCT - delete the old SNMP manager and add a new one with the new IP address. - build and deploy the config 2) On the MASTER stop transpath (we don't want frepld overwriting stuff we've just changed). 3) On the SLAVE: use "config-lib retrieve" to get the new config. You Cancel Reset Submit: Cancel Reset Submit is submitted. If you are submitting content on behalf of someone else place their user id in this field.	iffed.
file: /cgi-shell/odd/howDol/editContent.pl	er 18, 2000

			20 40 20 40 35 spaith	
次(通) 区		search:	Stop and start training	
	CISCO SYSTEMS	show all	hout TCT (In the little of the surface of the entries in sumpmg. dat doe a new one with the new IP addres in want frepld overwriting stuff ananager is being restarted. To get the new config. You manager is being restarted. The stopped before moving to the larted on the New MASTER. In want frepld overwriting stuff changer dat to change the SN is a state of the change the SN is a state of the state of th	20
	BACK II DIRECTORY:	sort by Validation		Janoly
Ce - Netscape	DEX II SUPPORT II FEEDBACK 1d Methodologies Applyan	Alidiysis Assistali	Description: To change SNMP main opport and SIMP opport and SIMP opport of SIMP opport opport of SIMP opport oppor	2050
氏の King Troubleshooting Resource - Netscape (正句 氏いどの どいがいとに 別じた	CEC II CCO II SEARCH II INDEX Solutions Delivery and h		Please Select Sample Configurations Flease Select Flease Select	20102

狭 howDol/submitItemEdit.pl - Netscape

Submitting Correction for

[Test entry to show confirmation window] ...

Test entry to show confirmation window successfully deleted

FIGURE 21A

iso con/stebus/	N and Methodologies Clicco Systems And Analysis Assistant Clicco Systems Clicco Systems	Answer: fusion 10 ct 10
注 Solution Troubleshooting Resource - Netscape II-2 Edit Verice is in the Communication II-2 A A A A A A A A A	a cco a utions to	Howbolf AQs From the first of



桜 How Do I: Comments - Netscape

_ | | ×

Disable sync on two VSC's in order to make changes on one box.

Description:

Disable sync on two VSC's (active and backup configurations) in order to make changes on one box. The objective is to allow you to roll back to the working configuration in the event the new configuration has problems and minimize impact to production. This might be used for example, with customers when timers are changed, trunks are added, or additional destinations are added.

Answer:

- 1. Make sure FOVERD (the fail over daemon) is running on the standby VSC using the UNIX command:
- ps-ef |grep trans
- 2. Ensure the current configurations are synced up with each other.
- 3. Stop the engine on the Active system and ensure the standby VSC has assumed control.
- 4. Change "*.desiredPlatformState" in XECfgparm.dat on both VSC to "standalone"
- 5. Change "*. SyscheckpointEnabled" in XECfgparm.dat on active VSC to "false"
- 8. Make the desired change on the active VSC and then switch back to the active VSC, using step 1 and 3 in reverse.
- 7. If the configurations are correct everything should work as desired.
- 8. Change "*. SyscheckpointEnabled" in XECfgparm.dat on the active VSC to "true"

Current Validation Level: 0

Comments:

new comment goes here	<u> </u>
comment id: [auto-generated]	contributed by mwnelson

Cancel Reset Submit

file: /cgi-shell/odd/howDol/editContent.pl

modifed: October 18, 2000

Disable sync on two VSC's in order to make changes on one box. Description:

Disable sync on two VSC's (active and backup configurations) in order to make changes on one box. The objective is to allow you to roll back to the working configuration in the event the new configuration has problems and minimize impact to production. This might be used for example, with customers when timers are changed, trunks are added, or additional destinations are added.

Answer:

- Make sure FOVERD (the fail over daemon) is running on the standby VSC using the UNIX command:
- ps-ef |grep trans
- 2. Ensure the current configurations are synced up with each other.
- 3. Stop the engine on the Active system and ensure the standby VSC has assumed control.
- 4. Change "*.desiredPlatformState" in XECfgparm.dat on both VSC to "standalone"
- 5. Change "*. SyscheckpointEnabled" in XECfgparm.dat on active VSC to "false"
- Make the desired change on the active VSC and then switch back to the active VSC, using step 1 and 3 in reverse.
- 7. If the configurations are correct everything should work as desired.
- 8. Change "*. SyscheckpointEnabled" in XECfgparm.dat on the active VSC to "true"

Comments:

Can someone please validate this procedure? I have seen other recommendations in the past that differ with this one and I would like to know this information is correct.

submitted 11/09/2000 at 14:50

comment id: 33

I have used this procedure and have validated it. The light should now be green!!

submitted 11/09/2000 at 14:52

comment id: 34

Cancel

modifed: September 25, 2000

Y

FIGURE 24

🎖 How Do I: Validation - Netscape Configuring for dual IP addresses **Description:** Answer: Configure the 2nd Ethernet card in the SUN: a. su to root b. do command "ifconfig hme1 plumb" c. If you need to add another default gateway (in addition to "default router") then go to /etc/rc2.d and at the end of the S69inet file append: "route add (metric=1 if on same subnet) d. cd to the /etc directory e. Create a file called 'hostname.hme1', and in this file put a new hostname for the system (e.g E-452.cisco.com). You must create a separate hostname for the second Ethernet card it cannot use the same hostname as the other one. f. Edit the 'hosts' file adding the new hostname and the IP address you want to allocate to the second Ethernet card. g. Edit the 'netmasks' file adding a new line with the new network number of the subnet followed by a space then the netmask to apply to that network. h. Type "init 0", This goes to "ok" prompt, anyway at the "ok" prompt type: "setenv local-mao address? true" and reboot by typing 'boot' or 'boot-r' This should reconfigure the kernel and activate the second Ethernet interface. You should then be able to set it activated by querying it with 'ifconfig -a' (you should see hme1 now with the 2nd IP and Ethernet MAC address. If using a Netra that has a clock speed of 450Mhz (greater than 419Mhz) "IJ To find out the speed of the Netra, at the OK> prompt type banner this will tell you the speed at which the Netra is being clocked at. If the speed is greater than 419Mhz a pre-installer MUST be used, that patches the kernel allowing the processor to function at its .= correct speed. (The Netra will not work without this pre-installer!). ľIJ 10 10 10 2502 Current Validation Level: 0 howdoi id: 25 contributed by movinelson 2503 **Negative Validation** Cancel 2501 Positive Validation what do negative and positive validation mean? file: /cgi-shell/odd/howDol/editContent.pl modifed: October 18, 2000

Figure 25

